

## Refine Search

### Search Results -

Terms	Documents
L8 and (device near10 (wetting adj agent))	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L11





### Search History

DATE: Friday, June 09, 2006    Printable Copy    Create Case

Set Name	Query	Hit Count	Set Name result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L11	L8 and (device near10 (wetting adj agent))	1	L11
L10	L8 and (rins\$ near10 (wetting adj agent))	27	L10
L9	L8 and (transdermal or subcutaneous)	112	L9
L8	L7 and @pd<20020628	721	L8
L7	L6 and (SDS or ("sodium dodecyl sulfate") or tween or sorbitan or laureth or ("benzalkonium chloride") or pluronic or HMPC or HEC or HPC or MC or HEMC or EHEC or pluronic)	1749	L7
L6	L5 and ((wetting adj agent) same surfactant)	4205	L6
L5	L4 and (rins\$)	18805	L5
L4	wetting adj agent	103850	L4
L3	L2 and (micro adj (projection or protrusion or blade or pin))	1	L3
L2	L1 and (contact adj angle)	1113	L2
L1	coat\$ and (wetting adj agent)	62045	L1



## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name****First Name**

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Additionally, enter the **first few letters** of the Inventor's First name.

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(FILE 'HOME' ENTERED AT 15:37:12 ON 09 JUN 2006)

FILE 'CAPLUS, MEDLINE, PHIN' ENTERED AT 15:38:16 ON 09 JUN 2006

```
L1      131335 S (SURFACE (10A) COAT?)
L2          5 S L1 AND (MICRO(W) (PROJECTION OR PROTRUSION OR BLADE OR PIN OR
L3          5 DUPLICATE REMOVE L2 (0 DUPLICATES REMOVED)
L4          59 S COAT? (10A) (MICROPROJECTION OR MICRONEEDLE OR MICROBLADE OR
L5          1 S L4 AND (WET? (3A) AGENT)
L6      2242 S L1 AND (CONTACT (W) ANGLE)
L7          6 S L6 AND (WET? (W) AGENT)
L8          6 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)
L9      11540 S (WETTING (W) AGENT)
L10         432 S L9 AND (SURFACTANT (20A) (WETTING (W) AGENT))
L11         372 S L10 AND (SURFACTANT (10A) (WETTING (W) AGENT))
L12         314 S L11 AND (SURFACTANT (5A) (WETTING (W) AGENT))
L13         278 S L12 AND (SURFACTANT (3A) (WETTING (W) AGENT))
L14         66 S L13 AND (COAT? OR FILM)
L15         31 S L13 AND ((WETTING (W) AGENT) (20A) (COAT? OR FILM))
L16         31 DUPLICATE REMOVE L15 (0 DUPLICATES REMOVED)
```

1.5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:20548 CAPLUS  
 DN 140:82270  
 TI Transdermal drug delivery devices having coated microprotrusions  
 IN Cormier, Michel J. N.; Young, Wendy A.; Johnson, Juanita A.; Daddona,  
 Peter E.; Ameri, Mahoud  
 PA Alza Corporation, USA  
 SO PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004002566	A1	20040108	WO 2003-US20471	20030627
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2490545	AA	20040108	CA 2003-2490545	20030627
	AU 2003279641	A1	20040119	AU 2003-279641	20030627
	US 2004062813	A1	20040401	US 2003-608304	20030627
	EP 1517722	A1	20050330	EP 2003-742313	20030627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003012268	A	20050426	BR 2003-12268	20030627
	JP 2006500974	T2	20060112	JP 2004-518065	20030627
PRAI	US 2002-392609P	P	20020628		
	WO 2003-US20471	W	20030627		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

-> d his

(FILE 'HOME' ENTERED AT 15:37:12 ON 09 JUN 2006)

FILE 'CAPLUS, MEDLINE, PHIN' ENTERED AT 15:38:16 ON 09 JUN 2006

1.1 131335 S (SURFACE (10A) COAT?)  
 1.2 5 S L1 AND (MICRO(W) (PROJECTION OR PROTRUSION OR BLADE OR PIN OR  
 1.3 5 DUPLICATE REMOVE L2 (0 DUPLICATES REMOVED)  
 1.4 59 S COAT? (10A) (MICROPROJECTION OR MICRONEEDLE OR MICROBLADE OR  
 1.5 1 S L4 AND (WET? (3A) AGENT)

> s L1 and (contact (W) angle)  
 1.6 2242 L1 AND (CONTACT (W) ANGLE)

> s L6 and (wet? (W) agent)  
 1.7 6 L6 AND (WET? (W) AGENT)

> duplicate remove L7  
 PROCESSING COMPLETED FOR L7  
 1.8 6 DUPLICATE REMOVE L7 (0 DUPLICATES REMOVED)

> d 1.8

1.8 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN



AN 2004:386079 CAPLUS  
DN 141:180105  
T1 Impact of lipopolysaccharide coating on clay particle wettability  
AU Chen, Gang; Zhu, Honglong  
CS Department of Crop and Soil Sciences, Washington State University,  
Pullman, WA, 99164, USA  
SO Colloids and Surfaces, B: Biointerfaces (2004), 35(2), 143-147  
CODEN: CSBBEQ; ISSN: 0927-7765  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:529643 CAPLUS  
 DN 141:73770  
 TI method to form nano-carbon material array structure  
 IN Sato, Hideki; Saito, Yahachi; Hiramatsu, Kazumasa; Miyake, Hideto  
 PA Mie Tlo Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004182537	A2	20040702	JP 2002-352039	20021204
PRAJ	JP 2002-352039		20021204		

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:65068 CAPLUS  
 DN 144:30835  
 TI Improvement of emission performance of molybdenum field emission arrays  
 AU Li, Xing-hui; Feng, Jin-jun; Bai, Guo-dong; Ding, Ming-qing; Zhang, Fu-quan; Liao, Fu-jiang  
 CS National Laboratory on High Power Vacuum Electronics, Beijing Vacuum Electronics Research Institute, Beijing, 100016, Peop. Rep. China  
 SO Yejing Yu Xianshi (2004), 19(5), 343-348  
 CODEN: YYXIFY; ISSN: 1007-2780  
 PB Kexue Chubanshe  
 DT Journal  
 LA Chinese

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2003:755139 CAPLUS  
 DN 139:253872  
 TI Capacitor electrode films for aluminum electrolytic capacitors and manufacture of capacitor electrode films thereof  
 IN Kawai, Masahiko  
 PA Mitsubishi Aluminum Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003272960	A2	20030926	JP 2002-75486	20020319
PRAJ	JP 2002-75486		20020319		

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2001:338889 CAPLUS  
 DN 134:335451  
 TI Method for fabricating arrays of micro-needles  
 IN Kenney, Christopher J.  
 PA University of Hawaii, USA  
 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001033614	A1	20010510	WO 2000-US30397	20001102
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001025738 A5 20010514 AU 2001-25738 20001102  
 US 6551849 B1 20030422 US 2000-705460 20001102  
 PRAI US 1999-163140P P 19991102  
 WO 2000-US30397 W 20001102

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1994:337507 CAPLUS  
 DN 120:337507  
 TI Polyester film for magnetic recording media  
 IN Kurihara, Hideyori; Sato, Masato; Nishama, Kiminori; Miura, Sadami  
 PA Teijin Ltd, Japan  
 SO Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 06009809	A2	19940118	JP 1992-166129	19920624
PRAI	JP 1992-166129		19920624		